

## In the Claims

1. (original) A crosslinked composition comprising:
  - 5 - from 20 to 100 parts by weight of at least one elastomer (I),
  - from 2 to 50 parts by weight of at least one triblock block copolymer (II), at least one block of which is composed predominantly of methacrylic monomers,
  - from 0 to 100 parts by weight of at least one thermoplastic polymer (III).
2. (currently amended) The composition as claimed in claim 1, characterized in that wherein the triblock block copolymer (II) corresponds to the following general formula Y-B-Y' in which: B is an elastomeric block thermodynamically incompatible with the Y and Y' blocks, and Y and Y' have or do not may or may not have the same chemical composition and at least one of them Y and Y' is composed comprises predominantly of methacrylic monomers.
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- 20 3. (currently amended) The composition as claimed in claim 2, characterized in that wherein B is an elastomeric block co-crosslinkable with the elastomer (I) chosen and selected from the group consisting of polydienes, partially or completely hydrogenated polydienes, polyolefin elastomers, long-chain polyacrylates, nitrile elastomers or and acrylic copolymers with low Tg values comprising pendant vinyl functional groups.
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4. (currently amended) The composition as claimed in claim 3, characterized in that wherein B is a polydiene obtained by the polymerization of at least one monomer chosen selected from the group consisting of butadiene, isoprene, 2,3-dimethyl-1,3-butadiene, 1,3-pentadiene and 2-phenyl-1,3-butadiene.
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5. (currently amended) The composition as claimed in claim 2, characterized in that wherein Y and Y' are obtained by the polymerization of at least one

monomer ~~chosen from selected from the group consisting of~~ styrene and its derivatives, short-chain alkyl methacrylates, ~~such as~~ methyl methacrylate, or functional monomers, ~~such as~~ acrylic acid, methacrylic acid or and glycidyl methacrylate.

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6. (currently amended) The composition as claimed in claim 5, ~~characterized in that wherein~~ Y is a block composed predominantly of styrene and in that Y' is a block comprising at least 50% by weight of methyl methacrylate.
- 10 7. (original) The composition as claimed in claim 6, in which the Y' block comprises imide functional groups.
- 15 8. (currently amended) The composition as claimed in claim 1, ~~characterized in that wherein~~ the elastomer (I) is a compound ~~chosen~~ selected from the group consisting of natural rubbers, synthetic rubbers, EPRs, EPDMs, elastomers with metallocene polymerization ~~which may or may not be modified, such as~~ poly(octene/ethylene), long-chain polyacrylates, or polyolefin elastomers, ~~which may or may not be modified~~, long-chain polyacrylates, ~~such as~~ poly(butyl acrylate), or poly(2-ethylhexyl acrylate), 20 fluoroelastomers (FPMs), ~~such as~~ copolymers based on tetrafluoroethylene, and silicone elastomers.
9. (currently amended) The composition as claimed in claim 8, ~~characterized in that wherein~~ the elastomer (I) is poly(octene/ethylene).
- 25 10. (currently amended) The composition as claimed in claim 9, ~~characterized in that wherein~~ said composition-it can be converted like a thermoplastic.
- 30 11. (currently amended) The composition as claimed in claim 1, ~~characterized in that wherein~~ the thermoplastic polymer is chosen from grafted polyolefins, ~~such as polyethylenes, polypropylenes and~~ poly(ethylene/propylene)s grafted with acrylic acid, maleic anhydride or glycidyl methacrylate.

12. (currently amended) The composition as claimed in ~~any one of the preceding claims~~ claim 1, characterized in that it comprises comprising, before crosslinking, at least one crosslinking system which comprises one or more crosslinking agents and one or more crosslinking promoters.

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13. (currently amended) The composition as claimed in claim 12, characterized in that wherein the crosslinking system comprises, as crosslinking agent, one or more organic peroxides chosen selected from the group consisting of dicumyl peroxide, 1,3-bis(t-butylisopropyl)benzene, 2,5-dimethyl-2,5-bis(t-butyl)hexane peroxide and 1,1-bis(t-butyl)-3,3,5-trimethylcyclohexane; and, as crosslinking promoter(s), one or more compounds chosen selected from the group consisting of zinc oxide, stearic acid, N,N'-(m-phenylene)dimaleimide, triallyl cyanurate, triisoallyl cyanurate, dimethacrylates, trimethacrylates, diacrylates and triacrylates.

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14. (currently amended) The composition as claimed in claim 12, characterized in that wherein the crosslinking system is based on sulfur and comprises, in addition to zinc oxide and/or stearic acid as crosslinking promoters, one or more sulfur-donating activators and optionally an antireversion agent.

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15. (currently amended) The composition as claimed in claim 12, characterized in that wherein the crosslinking system comprises, as crosslinking agent, a phenolic resin chosen from reactive alkylated methylphenol/formaldehyde and bromomethylphenol/formaldehyde resins and, as crosslinking promoter, a chloropolymer, optionally in combination with zinc oxide and/or stearic acid.

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16. (currently amended) The composition as claimed in ~~one of claims 13 to 15~~ claim 13, characterized in that wherein the crosslinking agent and the crosslinking promoter are present at a content of between 0.5 and 12 parts by weight per 100 parts of the blend.

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17. (currently amended) The crosslinked composition as claimed in ~~any one of the preceding claims~~ claim 1, additionally further comprising a plasticizer

and/or fillers of the light-colored fillers type or carbon blacks type and/or adjuvants.

18. (currently amended) A process for the preparation of the crosslinked  
5 composition ~~with thermoplastic conversion as claimed in one of the~~  
~~preceding claims claim 1, characterized in that it comprises the comprising~~  
~~the steps of blending of at least one elastomer and of at least one triblock~~  
~~block copolymer, optionally in the presence of a thermoplastic polymer, of~~  
~~a plasticizer, of fillers and/or of adjuvants, and the crosslinking of this~~  
10 blend by an appropriate crosslinking system at a suitably chosen  
temperature.

19. (currently amended) The process as claimed in claim 18, ~~characterized in~~  
15 ~~that wherein it comprises the said crosslinking occurs~~ at a temperature of  
between 150 and 320°C.

20. (currently amended) The process as claimed in claim 18 or 19,  
20 ~~characterized in that wherein~~ the crosslinking is carried out for a time of  
between 1 and 15 minutes.

21-28 (canceled)

29. (new) An article of manufacture comprising the composition of claim 1.

25 30. (new) The article of manufacture of claim 29 comprising an insulation,  
leaktight seal, conduit, pipe, hose, manifold, nozzle, electric cable, tire, belt, or  
shoe sole.

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